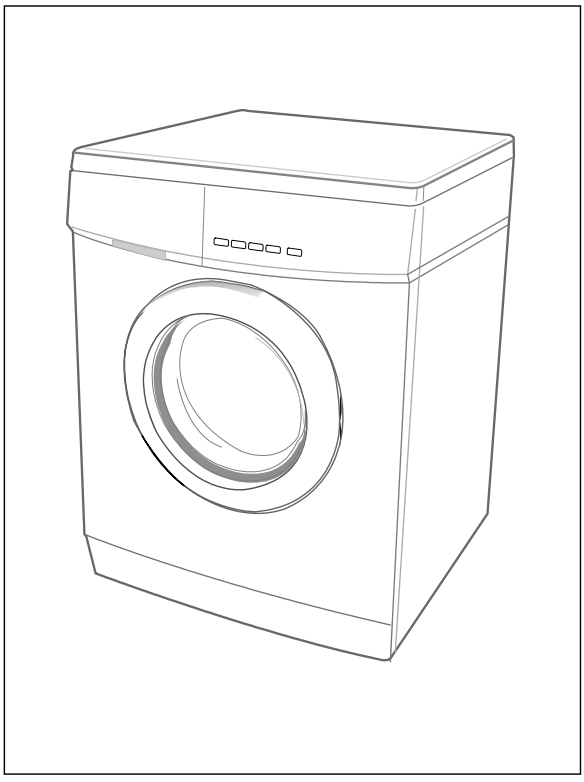
SAMSUNG

WASHING MACHINE

R1033GWC/YLW
R1233GWC/YLW
R833GW/YLW

SERVICE Manual

WASHING MACHINE



CONTENTS

⚠ Caution for the safety during servicing
1. SPECIFICATIONS
2. SAFETY DEVICES
3. OVERVIEW OF THE WASHING MACHINE
4. OVERVIEW OF THE CONTROL PANEL
5. MAIN FUNCTION
6. TECHNICAL POINT
7. GENERAL ERROR FUNCTION
8. TROUBLE DIAGNOSIS
9. TEST MODE
10. DESIGNATION OF MAIN COMPONENTS
11. PCB SCHEMATIC DIAGRAM
11-1. PCB CIRCUIT DIAGRAM
12. SETTING UP A WASH MACHINE
13. ASSEMBLE AND DISASSEMBLE
14. TOOLS FOR DISASSEMBLY AND ASSEMBLY
15. EXPLODED VIEW AND PARTS LIST

⚠ Caution for the safety during servicing

1. Do not allow the customer to repair the product.

☞ The person may be injured or the product life may be shortened.

2. Execute A/S after unplugging the power supply unit.

☞ Be care of the electric shock.

3. Do not plug several plugs in the same outlet.

☞ It may cause the fire due to overheat.

4. Check the damage, pressing or burning of the power plug or outlet.

☞ Replace it promptly if it has problem.(may cause the electric shock or fire)

5. Do not clean the main body with the water.

☞ It may cause the electric shock and fire and shorten the product life.

6. The wiring of the harness shall be free from the moisture and tightened during serving.

☞ It shall not be deviated by certain impact.

7. Remove any dust or filth on the housing section,wiring section,connection section during servicing.

☞ Protect the cause of the fire such as the tracking,and etc.

8. Check any mark of the moisture on the electrical parts, harness section and etc.

☞ Replace the parts or remove the moisture.

9. Check the assembly status of the parts after servicing.

☞ Maintain the status before servicing.

10. Pull out the power cord with holding the plug.

☞ Be care of the electric shock and fire when the cord is damaged.

11. Unplug the power plug from the outlet when the wash machine is not used.

☞ Be care of the electric shock and fire due to the strike of the lightening.

12. Do not use or store the spray or flammable materials(including gasoline,alcohol and etc.) around the wash machine.

☞ Be care of the explosion or fire due to the electric spark.

13. Do not put the bowl of water or wet laundry on the wash machine.

☞ If the water is penetrated to the wash machine, this may cause the electric shock or fire.

14. Do not install the wash machine in the place where the snow or rain falls.

☞ It may cause the electric shock and fire and shorten the product life.

15. Do not push the control buttons with the awl,pin, or sharp materials.

☞ It may the electric shock and trouble.

16. Check the wash machine is leveled horizontally and installed properly on the floor.

☞ The vibration may shorten the product life.

17. Joint the wire by the connector correctly.

☞ When the wire is jointed by the tape, this may cause the fire due to the tracking.

18. When the wash machine is to be laid for the service, put the pad on the floor and lay the product at side slowly.

☞ If the wash machine is laid front, the relay may be damaged by the tub.

19. When the wash-heater is replaced, check it is inserted in the bracket-heater and screw the nut.

☞ If the wash--is not inserted in the bracket-heater properly, this may cause the noise and leakage since it is contacted to the drum.